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# **PCT**

Rec'd POWPTO 06 OCT 2004

#### INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference  I RP28PC00  ACTION  FOR FURTHER see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.									
LBP28PC00 ACTION  International application No. International filing date (day/month/year) (Earliest) Priority Date (day/month/year)									
PCT/EP 03/ 03631 08/04/2003 08/04/2002									
Applicant									
LONZA BIOLOGICS PLC.									
This International Search Report has been according to Article 18. A copy is being tra	n prepared by this International Searching Auth	ority and is transmitted to the applicant							
	_								
This International Search Report consists  It is also accompanied by	of a total of 5 sheets.  a copy of each prior art document cited in this	report.							
Basis of the report									
a. With regard to the language, the	international search was carried out on the bas ess otherwise Indicated under this Item.	sis of the international application in the							
the international search w Authority (Rule 23.1(b)).	as carried out on the basis of a translation of the	ne international application furnished to this							
		ternational application, the international search							
was carried out on the basis of the contained in the internation	a sequence listing : anal application in written form.								
filed together with the inte	rnational application in computer readable form	1.							
furnished subsequently to	this Authority In written form.	•							
fumished subsequently to	this Authority in computer readble form.								
	osequently furnished written sequence listing do s filed has been furnished.	oes not go beyond the disclosure in the							
the statement that the Info	ormation recorded in computer readable form is	s identical to the written sequence listing has been							
2. Certain claims were fou	nd unsearchable (See Box I).								
3. Unity of invention is lac	king (see Box II).								
4. With regard to the title,									
X the text is approved as su	bmitted by the applicant.								
the text has been established by this Authority to read as follows:									
5. With regard to the abstract,									
the text is approved as submitted by the applicant.									
the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.									
6. The figure of the drawings to be pub									
as suggested by the appl		None of the figures.							
because the applicant fail									
	characterizes the Invention.								

## INTERNATIONAL SEARCH REPORT

Box III

TEXT OF THE ABSTRACT (Continuation of item 5 of the first sheet)

Inter al application No. PCT/EP 03/03631

	A method enhancing	for cu prote	lturing in prod	cells uction	in (	the	presence	of	a s	short	chain	fatty	acid	for	
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Form PCT/ISA/210 (continuation of first sheet (2)) (July 1998)

# INTERNATIONAL SEARCH REPORT

PCT/E 3/03631

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 C12N5/02 C07K16/00

According to International Patent Classification (IPC) or to both national classification and IPC

#### **B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols) IPC 7 C12N C07K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 239 292 A (CELLTECH LIMITED) 30 September 1987 (1987-09-30) cited in the application the whole document	1-12
A	US 5 378 612 A (NAKASHISMA K. ET AL.) 3 January 1995 (1995-01-03) cited in the application the whole document	1-12
χ Furi	her documents are listed in the continuation of box C.    X   Patent family members	are listed In annex.

X Further documents are listed in the continuation of box C.	Patent family members are listed in annex.
Special categories of cited documents:      A* document defining the general state of the art which is not considered to be of particular relevance      E* earlier document but published on or after the international filing date      L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)      O* document referring to an oral disclosure, use, exhibition or other means      P* document published prior to the international filing date but later than the priority date claimed	<ul> <li>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</li> <li>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</li> <li>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</li> <li>"&amp;" document member of the same patent family</li> </ul>
Date of the actual completion of the international search  15 October 2003	Date of mailing of the international search report  27/10/2003
Name and mailing address of the ISA  European Patent Office, P.B. 5818 Patentlaan 2  NL – 2280 HV Rijswijk  Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  Fax: (+31-70) 340-3016	Authorized officer  Moreau, J.

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		PC1/E1-03/03631
C.(Continu	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	
Category °	Citation of document, with Indication, where appropriate, of the relevant passages	Relevant to claim No.
A	KIM N S ET AL: "Overexpression of bcl-2 inhibits sodium butyrate-induced apoptosis in Chinese hamster ovary cells resulting in enhanced humanized antibody production." BIOTECHNOLOGY AND BIOENGINEERING. 2000-2001, vol. 71, no. 3, 2000, pages 184-193, XP002257847 ISSN: 0006-3592 cited in the application the whole document	1-12

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### INTERNATIONAL SEARCH REPORT

Information

atent family members

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Patent document cited in search report	Publication date		Patent family member(s)	Publication date
EP 0239292	A 30-09-1987	AT AU CA DE DE EP ES WO GB JP US US	95231 T 7126487 A 1341367 C 3787551 D1 3787551 T2 0239292 A1 2059367 T3 8705626 A1 2196636 A ,B 2525436 B2 63503273 T 2002132299 A1 5681718 A 6413746 B1	15-10-1993 09-10-1987 11-06-2002 04-11-1993 17-02-1994 30-09-1987 16-11-1994 24-09-1987 05-05-1988 21-08-1996 02-12-1988 19-09-2002 28-10-1997 02-07-2002
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		JP JP JP	4020294 A 2696001 B2 4316484 A	23-01-1992 14-01-1998 06-11-1992